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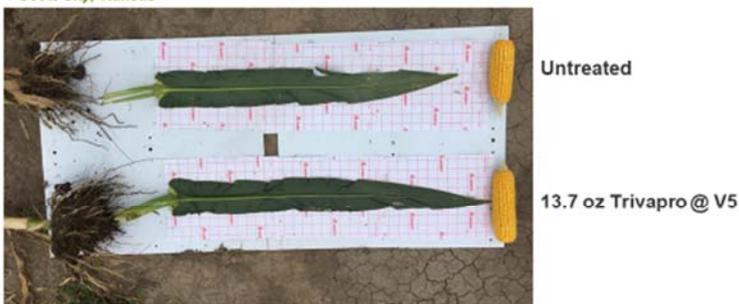
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Rethinking Fungicide Applications In Corn

Whenever most people hear the word fungicide in corn they immediately start thinking about corn that is about to or has just tassled. This application timing is almost always focused on disease. A tassle application mitigates stress by controlling diseases and maintaining leaf tissue. There is another application timeframe we will focus which in essence does the same thing, mitigates stress, but in a different manner. A V4 to V8 application of Trivapro or Miravis Neo reduces overreaction to plant stress early in the corn plants lifecycle. The early application will also create strong plant structures that will reduce damages from stress that occur later in the season by building a healthier and more robust plant that is able to capture critical resources (moisture, nutrients and sunlight) when times get tough.

The V4-V8 growth stage is critical in the growth and development of a corn plant, this is when much of the yield potential is determined. The # of kernels around on the ear are being determined, but on top of that a lot of the energy in the plant is being used to grow root mass, the stalk diameter is being determined, and future leaves are being developed. These plant parts factor together to increase or decrease yield potential. Any stress at this time will affect the development of all of these components. Stress doesn't come in just 1 form. Heat can cause stress as well as drought, but cold temperatures and excess moisture is also stressful and may reduce yields. An application of Trivapro or Miravis Neo in the early season from V4 to V8 can aid in mitigating the stresses that the crop is likely to experience. This will allow the plants to use their energy to build support structures providing additional stress mitigation later in the growing season.

Build A Healthy Plant For All Season With Trivapro
Scott City, Kansas



Treated 6/2/17 with 13.7 oz Trivapro vs Untreated. Ear leaf photograph taken on 9/1/17

Sample Photo - Scott City, KS - 9/20/17
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A larger root mass provides more surface area which captures a greater volume of moisture stored in the soil. This improvement in root mass will also be more efficient at capturing fertilizer. Additionally, increased root mass will reduce the risk of root lodging if high winds or heavy rains

occur through the season. Lodging will have negative impacts on yield and harvest speed.

Leaves main role is to collect sunlight. The more healthy leaf area present, the more sunlight that is able to be captured and converted to grain. Plants under what we consider "normal" stress in the early season will use additional energy to adapt to stress and tend to produce

smaller leaves reducing the amount of area available for sunlight collection during the grain fill period potentially reducing yield.

See The Difference In Stalk Integrity With Trivapro Sharon Springs, Kansas



Untreated

13.7 oz Trivapro @ V5

13.7 oz Trivapro @ V7

We need the stalks with a healthy pith to effectively move the moisture and nutrients from the roots up to the ears to fill kernels later in the season. In multiple trials we have seen a consistent increase in stalk health and girth with a V4-V8 fungicide application. Larger and stronger stalks will also improve standability

as harvest nears.

The application of Trivapro or Miravis Neo is an easy add to most corn pesticide program plans. It can be tank mixed with overlapping residual products like Halex GT, Acuron, Lumax and Lexar and easily ran with a ground rig.

By using either Trivapro or Miravis Neo at V4 to V8 we help the plant keep from overreacting to the stress it will face. When a plant is not overreacting, it will be more efficient at producing larger roots, stalks and leaves that give you the potential for increased yields, and helps protect your crop from early season stresses that are both environmental and biological.

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Product performance assumes disease presence.

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Some seed treatment offers are separately registered products applied to the seed as a combined slurry. **Always read individual product labels and treater instructions before combining and applying component products.** Orondis Gold is a combination of separately registered products: Orondis Gold 200 and Orondis Gold B.

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